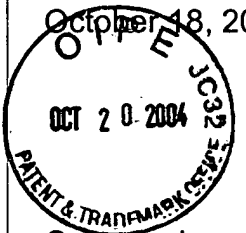


GP2662 ✓  
H

JENKINS  
WILSON  
& TAYLOR

patent attorneys

October 18, 2004



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 18, 2004

Shayler E. Dunn  
Date of Signature

10/18/04

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RICHARD E. JENKINS

JEFFREY L. WILSON

ARLES A. TAYLOR, JR.

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BENTLEY J. OLIVE

MICHAEL J. CROWLEY

\*CHRIS PERKINS, PH.D.

\*\*JAMES DALY IV, PH.D.

JEFFREY CHILDERS, PH.D.

OF COUNSEL  
SOROJINI BISWAS

Re: U.S. Patent Application Serial No. 09/541,853 for EDGE DEVICE AND METHOD FOR INTERCONNECTING SS7 SIGNALING POINTS (SPs) USING EDGE DEVICE  
Our File No. 1322/9

Sir:

Please find enclosed in connection with the subject U.S. patent application the following documents:

1. A Supplemental Information Disclosure Statement (3 pages);
2. Form PTO-1449 (3 pages) in duplicate;
3. Copies of twenty-one (21) cited documents;
4. Fee Transmittal (Form PTO/SB/17) in duplicate; and
5. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon.

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

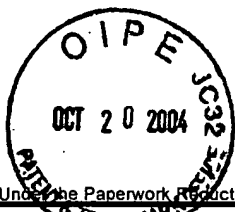
Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Gregory A. Hunt  
Registration No. 41,085  
Customer No.: 25297

GAH/sed

Enclosures



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

## Complete if Known

Application Number 09/541,853  
Filing Date April 3, 2000  
First Named Inventor Paul Andrew Miller  
Examiner Name Timothy L. Lee  
Art Unit 2662  
Attorney Docket No. 1322/9

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number  
Deposit  
Account  
Name

50-0426

Jenkins, Wilson & Taylor, P.A.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	
Independent Claims	-3** =	X	
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

## SUBMITTED BY

Name (Print/Type) Gregory A. Hunt

Registration No.  
(Attorney/Agent)

41,085

(Complete (if applicable))

Telephone 001-919-493-8000

Signature

Date

October 18, 2004

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 18, 2004.

Shayla E. Dunn  
Date of Signature

10/18/04



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Miller et al.

Group Art Unit: 2662

**Serial No.: 09/541,853**

Examiner: Timothy L. Lee

Filed: April 3, 2000

Docket No.: 1322/9

Confirmation No.: 4243

For: EDGE DEVICE AND METHOD FOR INTERCONNECTING SS7 SIGNALING POINTS (SPs) USING EDGE DEVICE

\*\*\*\*\*

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the documents listed on the attached form PTO-1449. Copies of the documents as well as Form PTO-1449 are attached hereto. This is not to be construed as a representation that a search has been made or that a document is relevant merely because cited.

Applicants respectfully request that the attached documents be made of record and that the documents be considered by the Examiner.

The Ericsson Distributed Wireless Office System (DWOS) described in the documents listed on the attached form PTO-1449 appears and is believed to be Ericsson's commercial product corresponding to Ericsson's U.S. patent no. 6,411,632 to Lindgren et.

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al. The DWOS is described in the documents as a wireless PBX and is not described in the documents as an STP. Further, Applicants believe that the DWOS included SS7 interface cards and IP interface cards, and the conversion from SS7-to-IP and IP-to-SS7 occurred on the respective cards.

This information is being submitted subsequent to the later of three months after the filing date of the present application or the mailing of the first Office Action on the merits, but before the mailing of a Final Action or the Notice of Allowance. Accordingly:

☐ No \$180 fee under 37 C.F.R. Section 1.17(p) is due as the undersigned hereby certifies:

☐ that each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement, or

☐ that to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in 37 C.F.R. Section 1.56(c) more than three months prior to the filing of this statement.

☒ The undersigned is unable to so certify, because submission of the present Information Disclosure Statement is after receipt by applicant of an Official Action on the merits, and thus the Commissioner is hereby authorized to charge the fee of \$180.00 to Deposit Account No. 50-0426 under 37 C.F.R. Section 1.17(p).

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO-1449 with initials or other appropriate marks. Early passage of the subject application to issue is earnestly solicited.

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Date: October 18, 2004

By:

  
\_\_\_\_\_  
Gregory A. Hunt  
Registration No. 41,085

Customer No.: 25297

1322/9      GAH/sed

Enclosures



<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 1322/9	Serial No. 09/541,853
List of Documents Cited by Applicant		
	Applicant(s): Miller et al.	
	Filing Date: April 3, 2000	Group: 2662

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if Appropriate

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Name of Patentee or Applicant	Translation Yes   No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	1	Pai, "In-Building Wireless: The Next Generation," TelephonyOnline.com, pgs. 1-4 (June 30, 2004).
	2	Handa, "In Building Wireless: The Next Generation," TMCnet.com, pgs. 1-7 (February 12, 2004).
	3	Fitchard, "A New Voice in the Boardroom," Wireless Review, pgs. 1-3 (September 1, 2003).
	4	"Fixed Wireless Technology," ISP Planet, pgs. 1-4 (May 14, 2002).
	5	Martinek, "Office on the Fly," Wireless Review, pgs. 1-4 (July 15, 2001).
	6	"March Networks 3300 Integrated Communications Platform," Mitel Networks Corporation, pgs. 1-34 (July 2001).
	7	Swartz, "Ready, Set, Wireless Office!," Wireless Review, pgs. 1-4 (June 1, 2000).



<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 1322/9	Serial No. 09/541,853
List of Documents Cited by Applicant			
		Applicant(s): Miller et al.	
		Filing Date: April 3, 2000	Group: 2662
	8	"Telstra and Ericsson Trial Next Generation Wireless Office Solution," Ericsson, pgs. 1-2 (April 28, 2000).	
	9	"Mitel and Ericsson Join Forces to Deliver an Integrated Digital Wireless Office Solution with PBX Functionality-Company Business and Marketing," Cambridge Telcom Report, pgs. 1-4 (April 24, 2000).	
	10	"Market and Development Agreement Targets Customers Looking for Ways to Become More Productive Through Convenient and Cost-Effective Communication," Ericsson Press Release, pgs. 1-2 (April 4, 2000).	
	11	Sulkin, "Emerging Options for Wireless PBXs," Voice2000, pgs. 1-8 (February 2000).	
	12	Drzewianowski, "WLANs - For the Picking," Communications Solutions™ Next-Gen Networks, pgs. 1-9 (January 2000).	
	13	"The Wireless Business Connection," Second Quarter 2000 Report, The Phillips Group - Infotech, pgs. 1-9 (2000).	
	14	"Corporate Offices to Go Wireless First Australian GSM on the Net Trial," Ericsson Press Release, pgs. 1-3 (August 11, 1999).	
	15	"Ericsson Solution Chosen for World's First Combined DECT/GSM Communications Service," Ericsson, pgs. 1-9 (June 21, 1999).	
	16	"Enterprise IP Gateway," Ericsson, pgs. 1-6 (1999).	
	17	"The Ericsson IPT System," Ericsson, pgs. 1-8 (1999).	
	18	"Wireless: Top Ericsson Executives Lay Out Corporate Vision, Unveil Strategy for the Enterprise Customer - Company Business and Marketing," EDGE, On & About AT&T, pgs. 1-5 (November 30, 1998).	
	19	"Ericsson Wireless Office Services to Provide Digital System Through AT&T Wireless Services," Ericsson Press Release, pgs. 1-2 (April 17, 1998).	
	20	Woods, "Fresno Bee Still Buzzing About Wireless," TechNews, pgs. 1-2 (1995).	



<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 1322/9	Serial No. 09/541,853
List of Documents Cited by Applicant			
		Applicant(s): Miller et al.	
		Filing Date: April 3, 2000	Group: 2662
	21	"teleSys Announces the Compatibility of Ericsson's Mobile Advantage Wireless Office and teleSys' MACH7-IP Gateway," teleSys Software - Press Release, pgs. 1-2 (Publication Date Unknown).	

EXAMINER \_\_\_\_\_ DATE CONSIDERED \_\_\_\_\_

\*Examiner Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.